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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/517,302

05/27/2005

Makoto Kodaira

SAK-37

4487

24956

7590

12/27/2005

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EXAMINER

CHUNG TRANS, XUONG MY

ART UNIT

PAPER NUMBER

2833

DATE MAILED: 12/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary	Application No. 10/517,302	Applicant(s) KODAIRA, MAKOTO	
	Examiner Xuong M. Chung-Trans	Art Unit 2833	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 May 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 2 is/are rejected.
- 7) ☒ Claim(s) 3-5 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09 December 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3/8/05</u> . | 6) <input type="checkbox"/> Other: _____ |

1. This application has been examined. Claims 1-5 are pending in this application.
2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1 and 2 are rejected under 35 U.S.C. 102(b) as being anticipated by Imai (JP 5-94974).

As per claim 1, Imai discloses a coaxial cable (31) with a plug (1), comprising an external conductor (31a) allowing an insulator to intervene on a periphery of a central conductor (31b), and a plug (1) comprising a central contact (11c) electrically connected to the central conductor (31b) and an external contact (11b) electrically connected to the external conductor (31a), wherein the central contact (11c) and the external contact (11b) rotate with an axis in a direction orthogonal to an axial direction of the central conductor as a rotational axis while maintaining respective electrical contacts with the central contact and the central conductor and the external contact and the external conductor.

As per claim 2, Imai discloses a coaxial cable (31) with a plug (1), comprising an external conductor (31a) allowing an insulator to intervene on a periphery of a central conductor (31b), and the plug comprising a central contact (11c) electrically connected to the central conductor (31b) and an external contact (11b) electrically connected to the external conductor (31a), wherein the plug 1 comprises the contact portion (11) and a main body unit (12) comprising a

central conductor connecting member (13b, 23b) electrical connecting the central contact (11c) and the central conductor (31b), an external conductor connecting member (13a, 23a) electrical connecting the external contact (11b) and the external conductor (31a), and an insulating member (12da, 21a, 21b) electrically insulating the central conductor connecting member and the external conductor connecting member, and the contact portion (11) rotates with an axis in a direction orthogonal to an axial direction of the central contact as a rotational axis while maintaining electrical connections with the central contact and the central conductor connecting member and electrical connections with the external contact and the external conductor connecting members, respectively.

4. Claims 3-5 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The prior art of record does not teach or suggest the claim as a whole including the limitation of a pair of protrusions which become a point of support for rotation, and is opened so as to communicate with an internal space of a cylindrical conductor portion from the one protrusion, and the central contact has a connection portion with the central conductor connecting member on the rotational axis, and is bent in a direction of the protrusion where the opening is provided from a central axis of the external contact.

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Xuong M. Chung-Trans whose telephone number is (571) 272-2002. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula Bradley can be reached on (571) 272-2800 extension 33. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Xuong M. Chung-Trans
Patent Examiner
Art Unit 2833